The 50 MHz DX Bulletin

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The 50 MHz DX Bulletin was founded by Harry Schools KA3B, and until recently edited by Shel Remington, NI6E/KH6. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. This issue was edited and published by Victor Frank, K6FV, who intends to publish one current issue per month along with one technical issue for each of the months missed during 1992 and 1993. Circulation matters and DX reports should be sent to 12450 Skyline Blvd., Woodside, CA 94062-4541 USA. The Bulletin may be freely quoted, provided that credit is given.

Trans-Atlantic 6m DX!

G4UPS writes: "I understand that the first opening across the pond of the (Summer 1993) Sporadic E season took place on the evening of May 31 when HK1BDN worked into EA sometime after 2200. Just after this, other EA stations were working W4s on 28 MHz. Nothing was heard here on 28 MHz at that time.

On June 3, VE1ZZ was reported by G4ALY and G6ION (in IO70) calling CQ on CW at 2015. No contacts were made. On June 5, CT4KQ informed me on 6m that he had been working W1/VE1 from around 1945. On the same date, I heard VE1ZZ from 2139 on CW, calling CQ and working EH stations. He was heard here until 2204 when he called QRZ CN8? I worked VE1XDX 559/559 at 2142, but could not get through to Jack, VE1ZZ. As far as I can gather, both stations were only into this small hamlet of Hemyock—the only other station to hear them was Doug, G5JJ, who is in the same village."

The next trans-Atlantic opening in G4UPS's report was June 11, when he reports K1TOL was into G6ION at 1740, and into G4UPS at 1749 559. At 1805 G4UPS worked VE1ZZ in FN84 579/559. He heard K1DAT 569/W2TQC 579/W2RHQ 579/KM1H 579/VO1ZA/B 579, and at 1833 worked K1TOL 55/41. WA1OUB was heard 57. At 1948 he heard YO2IS calling WA3BFM. Last heard was VE1ZZ 339 at 2015.

On June 12, local (to G4UPS) reports showed K1TOL and the VO1ZA beacon in from around 0900, and that K1TOL had been heard working into Italy. That evening, from 1920, G4UPS reports hearing many W stations including KM4ME 57/KC4YO 57/ all the way up to 50.300 in contest, but like many other G stations, he was unable to break the W pile ups. He reports only W3/W4, no W1 or W2. SP4TKK worked VE1MQ/R and northern G stations worked VE1DR/R and others, but he heard nothing of the VEs or the VO beacon there. By 2015 all the W stations had faded out.

On June 14, G4UPS reports VO1ZA beacon in at 1944 to 2008 569-579, and then again 2042-2144 in/out, but always audible. On June 18 at 1359 VE1MQ/KO4EI were into G3KOX/G3HBR. On June 22 at 1322, G4JVL heard K1TOL calling CQ.

June 25 was the big day for G4UPS, however, he worked K1TOL at 1940, heard VE1RG at 1950, W2CAP/1 beacon til 2102, heard W2MPK, K2QIE, & K2QE, worked WA1OUB at 2006, and heard VE3FIT, K1BKK, KM1E, VE1YX at 2039, worked WA2RQC at 2042 CW and at 2053 SSB, worked VE1ZZ at 2102, heard W2AIM. All out by 2135.

Propagation & Comments from Malta

by John Dugall, 9H5EE

In contrast with last year, the poor propagation during this year's UK Six Meter Group (UKSMG) third six meter contest made it neither exciting nor spectacular for stations in Malta. Once more, as in the past, the intercontinental DX window was defined as between 50.110 and 50.130. This means anybody could sit and work the pileups on 50.1099! This would therefore be against the spirit, but not the letter.

The first reported multi-hop Sporadic-E opening to North America this year for us happened on June 11 around 1830Z with WA1OUB and VE1ZZ, both in weak CW. Later, around 2300, VE1ZZ was worked again in weak SSB. During these openings, conditions were much better into North and Central Europe. On the contrary, on June 12, around 0940, WA1OUB, K2VV, and K1TOL were all very strong SSB signals with me and other Mediterranean areas. It was unfortunate not many North American stations were active in their early morning hours. Ed—0940Z = 0540 Eastern Daylight Time.

The past few days and weeks have seen very good Sporadic-E conditions in almost all directions. Very long hours of propagation were also noted extending well into the night-time and early morning hours, if not continuous for days. Many times I attributed the lack of activity to a shortness of operators or enthusiasm rather than to no conditions at all. One such example was the night between June 11 and June 12. The band was wide open when I decided to go QRT and horizontal. Six HB9s were having some good time in their permitted hours of operation. Their signals were peaking 40 dB over for most of the time. A few odd DL and PA stations were also very strong, but of course, all others were in bed. A few minutes earlier, Ela, G6HKM, gave up her hard work and failed to finish a (marginal) QSO with her first HB9 in the official time. The only factor against her was just timing, and she would have made it if only she stayed around for some 30 minutes more!

On June 17, starting around 1430 and lasting for about three hours or more, extending well beyond the Mediterranean Sea area, we had what sounded like Tropo conditions (also on 2 m) stretching to the following list of countries: EH8, CT3, CN, CT, ZB, EH, F, I, 9H, 5B4, ZC4, SV, SV5, 4X1, 9K2. I could have missed noticing other countries. Other countries like TA, where nobody was QRV at the moment, and OD, being only QRV during the weekends, could have easily been on the list. But still, this already looks like a pretty continuous straight line to me. This is very much like what I have reported for June 14. Added to this, we also had Sporadic E openings to upper and central Europe at various times during this event.

W5OZI (EM00cl) passed along the following: "On Sunday July 18, I worked the following Spanish stations on 6:

UTC	STN	GRID	MODE	SENT	RCVD
1707	EH7CD	IM86	SSB	51	51
1850	EH1EH	IN82	CW	569	559
2110	EH3AQJ	JN11	CW	559	529.

Signals were weak, to be sure, but all were plenty Q5. John, KB5IUA (EL29) worked one of the above and also CT4KQ at about the same times. I never heard the CT4.

There was very little US Es, although I did hear a few East Coast stations calling or working the DX. You may remember that I worked a CT3 on June 16, 32 days earlier. Could this mean anything? I am guessing this was four hop Es or long three hop Es--otherwise I'm at a loss to explain it!"

Bob, K6QXY, reports that VE3KKL had an opening to Europe around 2200 that day. Bob wonders if 15-18 hours local time at the western end of the path isn't a preferred time for these extended Es openings.

Mike Cherry, VE7SKA, reports ducting openings (Ed- where no signals were evident at typical single-hop ranges (under 2400 km). These condition may also be caused by cloud-to-cloud reflections without intermediate ground reflection.) He reports: "This year has been an average one of Es opening duration; however, it has been seen an abnormally large incidence of long-haul Es (often mistakenly referred to as "multi-hop"). (NB-today is no exception: I just worked FN22 and FN10 in New England!! First Es opening of the season was on April 28 when the WD7Z/B showed up. May 7 and 8 gave us aurora into the usual W7 and VE6 areas. May 9 we had aurora into VE5 a 6. May 13 between 0000-0100 was our first long-haul ES into NC and OH. May 23 we saw C6 and Tennessee & Michigan. June 4 we had aurora into Montana and Oregon.

On June 6, VE7FEI (CN88) reported a contact with NL7OW via backscatter with both stations pointed SE. No other KL7 openings to VE7 have occurred so far. June 9 saw VE7 into just about everywhere in the continental U.S. notably Florida and South Texas. June 11 produced a ducting-type opening to Maine. June 13 VE7 to Indiana, Virginia, Arkansas and Wisconsin. June 16, a few W7s in the Portland, OR and Seattle WA areas were into KL7 via E-backscatter briefly around 0525. Also that day, VE7/W7 were into Louisiana, Mississippi, & N Carolina.

July 2 produced an aurora opening into the usual W7 and VE6 areas. July 4 at 1718 I worked XE1ABA in DK89 and heard XE1GRR. July 5, CN88 heard YV4AB/B at 1811. CO2KK was reported into Southern CA and Nevada. July 6, VE7 was in to VE3,4, W2 and W4. At 0048, VE7FEI (CN88) heard a KG4 in Guantanomo Bay work a Phoenix-area station. July 8 six opened to VE3,4, W3, W4, & W9.

The July 10 aurora only brought a few Portland-area stations. July 12, six opened to Ohio & NY. July 13 we had a nice evening opening to WV & Washington DC area. W3s reported a lengthy opening into the Caribbean and also the OX3 beacon. July 14 (today) produced an opening to VE3, W1/2/3/6/7(Wyoming & Montana). VE7FEI and myself counted no less than nine beacons this morning! Statistically, we've had 16 multi-hop or long-haul Es openings here into the Pacific Northwest. No one has yet reported working KH6s or JAs.

Beacons heard and measured to the **exact** frequency this season: K0GUV with its usual chirp--50.007.9, XE2UZL/b 50.027.5, this beacon is heard quite regularly in CN88. VE3WBL/b 50.058.5, WD7Z/b 50.068.9, YV4AB 50.025.5, K6FV/b three or four times, VE7BEE/b runs ocassionally on 50.049.9. Not heard this year (usually shows up during aurora) is VE6MTR. I don't know if this is an occasional beacon or is QRT.

VE7FEI or myself may try to put on a rare British Columbia grid such as CO70 or possibly CN78, CN69, or CO60 for next year's contests."

Re: DXCC Countries worked on 6m

G6HCV writes: "SVT and UC have been worked with permits and I have had EA6 + ES + LY + OJ0 + S5 + TK + UA (European Russia) + UA2 (Kaliningrad) + YL + 4N4 + 9A accredited to my ARRL DXCC processed 4/21/93 OK!"

SM7AED writes: "The first DXCC in OZ has been awarded to Finn, OZ4VV. Credit is given for 101 countries.

A22BW-CT1BH-CU3/K6EDX-DF7VX-DU3/K3OSC-EH3ADW-EH6VQ-EJ2GB-F8UM-G7HFM-GD3AHV-GI4XFS-GJ4ICD-GM4ILS-GU2FRO-GW6ARL-HB9BHU-HB0/PA3EUI-HC2GE-HV3SJ-IK6FHF-IS0VCY-JA2BZY-W1AJR-KG6DX-KP2A-KP4EIT-LA9DI-LU7DZ-LX1JX-LZ1KDP-OD5SK-OE8HWQ-OH8AXN-OH0BT-OJ0/OH2AP-OK3LQ-ON4PS-OY9JD-OZ3ZW-P43FM-PA3EUI-PJ7/W6JKV-PJ9EE-PT7NK-PZ1AP-PY0FF-S01A-SM0KAK-3Z4PAR-SV1OH-T77C-TF3EJ-TL8MB-TR8CA-TU2OJ-UL7GCC-UX1A-LY2WR-YL/ES9C-ES5MC-UA2F/DK2ZF-VE1YX-VK6JQ-VS6BI-YO2IS-YS1AG-YU3GO-YV5ZZ-Z23JO-ZA1A-ZB0T-ZC4MK-ZD8LII-ZP6XDW-ZS6WB-ZS9A-V51E-1A0KM-3DA0BK-3X1SG-4U1ITU-4X1IF-5B4YX-5V7JG-6W1QC-7Q7RM-9H1GB-9J2HN-9L1SL-9Q5TE-9Y4VU-S59AM-EA8/G3JVL-CN8ST-CX8BE-CT3DJ-9A3EQ-OK2PZW-9K2ZR..

News of Africa

Algeria: G4UPS reports hearing an Arabic military simplex FM net on 50.100 June 7 around 1815 believed to be Algerian.

Ascension Island: The ZD8VHF beacon was reported by G4UPS June 7, til 2023; June 24, 1950-1957.

Canary Islands: G4UPS reports EH8ACW into UK London area June 1 at 1100. On June 3 he heard the EA8SIX beacon 50.075 (in IL28) at 1027, worked EA8/DJ3OS (IL18) at 1033, and that EH8ACW was into GM4ISM at 1750. June 7 G4UPS heard EA8SIX/b at 1803 and EH8ACW and EA8/DJ3OS between 2005 and 2030. One or more of these three stations were heard June 10 at 1358, June 24 at 2030, and June 28 at 1815.

Ceuta & Melilla Is: Stations reported by G4UPS are EH9EB, EH9IB, EA9MH. Dates & times, June 1, 1543, 2115; June 8, 1630; June 9, 1856; June 10, 1118; June 14, 1855; Juned 17, 26, and 27.

QSL for EH9IB: Pedro Jerez Ruiz, PO Box 213, 29880, Melilla, Spain. Tnx SM7AED.

Ethiopia: ET3DX, Zoro (did he also say Frank?) in Addis Ababa, KJ99, QRV up to mid April is expected back in October with 400W but only SSB. QSL JH1AJT - Yasuo Miyazawa, PO Box 8, Asahi, Yokohama 241, Japan. Tnx 9H5EE and SM7AED.

Madagascar: 5R8DG, George, in LH47, was first into Malta

on 93Apr24 around 1630. He was using his 40m dipole until he puts up a proper 6m beam. He is QRP and this all explains why his signals were not very strong and why he remains on CW most of the time even if his Rx is good enough. Tnx 9H5EE.

5R8DG worked into DL, OH, ON & PA around 18Z on May 17.

Malawi: G4UPS reports 7Q7CM, 7Q7LA, and 7Q7RM worked or heard. June 7, 1835; June 13, 1745; June 26, 1652-1722.

Morocco: G4UPS reports CN8CC, CN8HB, and CN8ST worked or heard. June 1, 1944; June 2, 1626-1730 (at 1702 CN8ST working C31HK); June 4, 1752; also June 5,17,26,27, & 28.

Mozambique: C91A, Silvano in KG64, Maputo, is reported by IK1EGC as being QRV with a TS-690S and a KLM 7 el yagi. C91J, op-WA4WKY in KG64, is the new call of ex-C9RJJ, IK1EGC reports, who is now QRV, having received the 6m gear from Hal-ZS6WB. QSL via W8GIO. Tnx 9H5EE.

Saudi Arabia: Look for more activity including contesting from 7Z1AB in the next two years. Alan, KD4MAE (ex. KA9DOO, TU4BR, TU4BR/5U, EL7FO), will leave in mid-July for the embassy. He will share the call sign with the embassy, but will set up his own station at home and operate from there. He is taking an Icom 740, KW amp, a new Mosley PRO67A beam, and an Icom 551D (for 6 meters). KN4F will assume QSL manager duties shortly. Ohio/Penn DX Bulletin No. 118 via SM7AED.

Western Sahara: SM7AED remarks that our June 93 report of S01NVC (JO73) should have been SO1NVC (prefix Sierra Oscar = Poland).

News of Asia

Azerbaijan: SM7AED writes that UD6DX has been reported QRV.

Bangladesh: JA1VOK's column lists QSL route for S21ZQ as JA3ULS, but since his VHF column is written in Japanese and covers additional bands to 6m, I can't say they made any 6m contacts.

Cambodia (Kampuchea): JA1VOK reports the following loggings of XU5DX in JA: May 5, 1345, by JA5CMO; May 10, 0918, by JF1CZQ; May 13, 1052, by JE7RJZ.

Cyprus: G4UPS reports 5B4CY beacon June 10, 1757; and relays a report of LA9ZV of 5B4JE June 15 at 1555.

Hong Kong: JA1VOK lists the following into JA: May 9, 0646-0721, VS6WV by JA0GLM, JE7RJZ & JP2NPG, VS6XLM by JE1CCD; May 21, 1140, VS6BG by JA5CMO; May 22, 0934, VS6YHT by JM1LRQ; May 23, 0730, VS6BG by JE7RJZ.

HL9UH reports working VS6BG June 12 at 0027.

Israel: G4UPS reports 4X4IF June 10, 1757; and relays a report of LA9ZV June 15 at 1555. G4UPS reports 4Z4TT heard working G stations June 20 at 0910.

Japan: Predictably, Louie, HL9UH has been filling his log pages with J's and 7's, 47 during just one hour June 1 0848-0948, and 44 June 6 0037-0216. Louie writes: "I haven't put the 1st part of July in yet, but we had a pretty wild 10th with Es on 6 most of day from just 8AM until late evening. Also had about 40 mins of Es on 144 in AM! Had some scattered short periods later in day, but mostly caught what may have been small MS bursts/Es enhanced, as usually only lasted a few 10's seconds up to a minute or two. But trying to break the JAs isn't easy. When band shifted to JA7 from JA1, tried for 10 minutes to break into a QSO without ever QSOing the ones I was copying! Sigs up to S9 at times even. I could tell they heard me, as appeared to be questioning each other about HL9 call??

Even on the tropo path into JA6 & even JA4 have a difficult time making QSOs with even loud stations. I am running more power than most of them, so the do hear me. Appears to be a resistance to talk English most likely. 6 & HF seem to be pretty much a normal QSO with anyone I can hear, altho some of those above 50.2 are not easy to get them to talk to me. Really a different world almost here, as seldom do I get the loud openings like had all the time in DU. Some of these Es openings have been pretty good, but save the one of 10 July, usually rather short duration."

Kazakhistan: UL7GCC in Alma Ata was reportedly worked by YO7VJ June 11 at 1408. Tnx JA1VOK.

SM7AED indicates: UL8GC/RL2B (Mike, ex-UL7GCC) QRV from MO60 mid August.

Kuwait: 9K2MU, 9K2WR, & 9K2USA are QRV on 6m. Tnx JA1VOK. G4UPS reports hearing YU1ABA working 9K2MU June 12 around 1555, and then working 9K2MU himself at 1622. On June 17 around 1600, G4UPS reports hearing 9H1CG working 9K2MU.

9K2MU, Murtarda, will be found on cw. Invited to switch to phone when signals were strong into the Mediterranean, he got confused just after two QSOs when he was confronted with an SSB pile-up and quickly switched back to his key insisting that he will stick to CW. QSL via 9K2AR, Mohammad Reza Marafi, PO Box 97, Safat 13001, Kuwait. Tnx 9H5EE.

Lebanon: OD5SK, Samir, in KM74wk, is still running just 4 Watts until he receives his 160 Watt linear. G4UPS reports the OD5SIX beacon 579 June 20 at 0940.

Mongolia: JT1KAA was worked by double hop E skip by JAs the first time this season May 20 from 1120-1200. Also reported June 26 0835-0940. Tnx JA1VOK. The callbook lists this as Central Radio Club Station, Box 639, Ulan Bator 13, Mongolia.

Asiatic Russia: RC0CZZ worked UA0CQ on May 1 at 0558, UZ0CWC May 2 at 0026, JA1VOK on May 3 at 1121, JA9 June 3 2342-June 4 0019, JA1, 7, 8 June 4 2112-June 5 0503, and JA7, 0 June 5 2209 - 2347. Tnx JA1VOK. The callbook lists this as Club Station, Box 1273, 680051 Khabarovsk, but JA1VOK indicates QSL via JA1UT.

South Korea: JA1VOK lists the following into JA: May 1, 0850, HL9UH by JA1VOK; May 2, 0935, HL9UH by JA5CMO; May 16, HL9UH by JE1CCD; May 16, 0923-1003, HL9UH by JE1CCD and HL4CSL by JA0GLM; May 24, 1054-1108, HL9UH by JP2NPG and JA0GLM; May 25, 0342, HL2ZXV by JA0GLM; May 28 0213, HL2ODI by JA3FYC; May 28 0913, HL5BUV by JA0GLM.

July 10, 0109-0200, Louie, HL9UH worked into JA on

2m Es. First QSO was with JA1VOK, who furnished the report.

Taiwan: JA1VOK reports the following into JA: May 9, 0910, BV2DQ by JA5CMO; May 14, 1135, BV2HS by JA5CMO; May 22, 0455-1151, BV2AP, BV2DQ, BV2DP, BV2FG, BV2FI into JA1, 5; May 23, 0235-0933, BV2DQ, BV2AS, BV6AS into JA1, 5, 7; May 26, 0046, BV2DP by JF1CZQ; May 30, 0740 & 1017, BV2CD by JA5CMO & JA1VOK respectively.

Larry, BV7/N4VA, reports being QRV from Penghu Island (in the Pescadores, between Taiwan and Mainland China, (IOTA AS-103, grid OL93) between April 23 and May 2. On 50 MHz, his catch was limited to VK6JQ, April 24 1215 & 1401; and VK8RH, April 24 1234. On April 25 he heard DX1HB/B 50.0075 at 1444 RST 539. He is now back at his home QTH in VA thru Sept.

Louie, HL9UH, reports working BV2FI and BV2DP on June 5 at 2306 & 2310, respectively.

Turkmenistan: SM7AED writes "UH8EA has been reported QRV since Dec 1992?"

News of Europe

Andorra: C31HK, Fred, in JN02tk, was first into 9H June 2 around 1700. He operates between 50.203 and 50.215. Runs 25 watts into a Delta loop. As opposed to information in our June 93 issue (which says QSL only via OZ7SIX), 9H5EE reports QSL as per 93 callbook: Fred Olte, Cortal Comabella, Sant Julia de Loria, Andorra. Tnx 9H5EE.

G4UPS reports C31HK worked June 1 at 1826, June 9 at 1908, heard June 10 at 0815.

Austria: G4UPS reports the following heard or worked on 6m during June: OE1APS (10,24), OE1EAT (13), OE1ETA (14), OE2UKL (3,20), OE3GBB (13), OE5CA (10), OE6VCG (8).

Azores: CU1CB, Manuel Reis, in HM76kx, announced himself in a packet message saying that he is now QRV on 6m from Santa Maria Island, Azores (Portugal). He is equipped with an FT-736R with a Mirage PA into a 4 element yagi, and could be on CW and SSB as well as Packet and Pactor. QSL: via KN6BT, Victor Garcia, P.O. Box 492, Salida CA 95368 USA. Tnx 9H5EE.

Jimmy reports working CU1EZ from ZF2QR. He says CU1 was in 2 or 3 days during his stay in early July.

Balearic Islands: EH6FB, Jose, in JM08, is QRV on 6m from Ibeza Island. G4UPS working him June 4 at 1519.

EH4BG/6, in JM08, equipped and assisted by Dave, OZ3SDL, was to have been QRV from June 19 to July 2, possibly also from JM09. G4UPS reports him heard or worked June 20,21,25,26,27,28,29.

EH6IF, Tolo, in JN20ba, is QRV on 6m from the north of Menorca Island. G4UPS reports him heard or worked June 9 ~2100, June 12 at 2028, June 17 ~1700.

G4UPS reports EH6VQ in June 7 ~1845, and June 22 ~1920.

Belarus: EV9A, in KO32ax, was first into 9H on June 1 at 1150. He was also reported in KO34 on a later day. QSL: via F6AML, S. Chojnacki, PO Box 40, F-77120 Coulommiers, France. Tnx 9H5EE. G4UPS reports working EV9A June 1 at 1210.

EV8A, Ben (UC2AA) in KO44(aa?), was into 9H on June 5 for the UKSMG contest. Expected during weekends only and hopefully also from KO33. The call UC2AA is also being used by the common operator behind both EV8A and EV9A. QSL: Valentin K Benzar, PO Box 41, 220050 Minsk, Belarus. Tnx 9H5EE.

G4UPS reports UC2AA in KO42 June 1. EV8A in KO44 was in GB June 1; he worked him June 9 1336-1352, June 11 1258, June 12 1423. Ed--did someone get the grid locator wrong, or was Ben in two places on June 1?

EV8P, in KO44aa, was also reported into 9H. Tnx 9H5EE.

Belgium: G4UPS lists the following stations heard or worked on 6m during June: ON1GD (28), ON4GG (10), ON5SE (28).

Bosnia-Herzegovina: T9, the new prefix for Bosnia-Herzegovina, is now widely in use and a number of stations are being reported QRV on 6m. Tnx 9H5EE. SM7AED reports that after May 12, ARRL will only accept the T9 prefix for Bosnia.

G4UPS reports the following stations heard or worked on 6m during June: T91EFS (11), T95VO (JN74)(8,11), T97M (JN93)(11,12).

Bulgaria: LZ1ZX, Mitko, in KN32io, is QRV on 6m and very active. Tnx 9H5EE.

Czech Republic: G4UPS lists the following as being heard worked on 6m during June: OK1DDO (13,14), OK1FAV (21), OK1IBL (14), OK1MAC (10,13,14,16,22,28), OK1VBN (10, 21,22), OK1VQ (10), OK2BGW (11), OK2BLI (8,15,21), OK2JI (13), OK2PTC (13), OK2PZW (13,28), OK2SBL (13).

Denmark: G4UPS reports the following heard or worked on 6m during June: OZ1CLL (1,9,21,30), OZ1IZB (16), OZ2PZW (15), OZ3AEV (16), OZ3SDL (4,10,16), OZ3ZW (1), OZ4D (4), OZ4VV (15), OZ6PU (22), OZ6VHF/B (10, 12,15,16,21,29,30), OZ7AEV (16), OZ7DX (16), OZ7IGY/B (4,8,9,11,13,15,16,29,30), OZ7JV (16), OZ7SIX/B (1), OZ9ABX (8).

England: Prefix chasers might be interested in the following station who showed up in G4UPS's 6m active list: 2E0AAX in IO91. He also lists the following 6m stations: G6GN (16), GB3LER/B (10,11,12), GB3NHQ (24), GB3RMK/B (12), GB3SIX (24) (and a lot more).

June 29, 2057, G3KOX phones G4UPS to say he just worked JX3EX on 50.111--that frequency filled with SM3/G stations chatting (at G4UPS)!!

Estonia: ES0SM/6, in KO37, was to have been QRV on 6m from June 23 to June 27. QSL: via SM9KAK. Tnx 9H5EE.

G4UPS's June log shows the following 6m stations heard or worked: ES1CW (10), ES5DE (21), ES5MC (12,14), ES5PC (20), ES5QA (11,21), ES6QB (8,14).

Faroes Is: G4UPS reports working OY9JD (IP62oa) and OY3JE (IP62) June 14 at 1802 & 1811, respectively. He also reports hearing OY3JE June 29 at 1804.

Finland: G4UPS lists the following as heard or worked on 6m during June: OH1AF (16), OH1BT(13), OH1IR (4,30), OH1LEU (22), OH1PA (9,13), OH1SIX/B (4,7,8,11,13,14,15, 16,21,22,25,29), OH1VR (15,29,30), OH1ZAA (13,25), OH2BT (11), OH2LAK (22), OH2TI (4), OH3LWP (11), OH3MF (14,21,22,29), OH3NQW (29), OH3XA (22), OH5DV (7), OH5EE (7), OH5IY/4 (12,22), OH5TQ (22), OH7BO (11), OH7BO/8 (12), OH9SIX/B (15,21,29).

France: F/PA0RDY/m, Rob, was active from rare grid square JN14 between June 5 and June 15. On his way there, he was also QRV from IN86 on June 2. QSL: Rob Dijkstra, PO Box 36289, 1010 MG Amsterdam, The Netherlands. Tnx 9H5EE.

G4UPS's June log lists the following 6m stations heard or worked: F6BNX (26), F6CSX (9), F8IH (10), F8ZW (28), FC1MCY (12).

Germany: G4UPS's June log lists the following 6m stations heard or worked: DD0VF (15), DF0RR (28), DF3XZ (10), DF7FJ (10), DJ1ZU (13), DJ9YE (8), DK5UG (15 worked SV5TS), DL1SDN (21), DL6HCE (8), DL6NCI (14), DL7ARM (10), DL8HCZ (11), DL8SCU (10).

Gibraltar: ZB0Z, Brian, in IM76, is working from the lighthouse. He intends to be active on 6m as much as he can. ZB0T, Mark, is leaving Gibraltar for Germay on June 21. Tnx 9H5EE. G4UPS lists the following heard or worked on 6m during June: ZB0T (12,14), ZB2EO (10,24,25), ZB2IB (1,5).

Great Britain: GW0GEI, Steve, in IO73tg, on the Isle of Anglesey, is now QRV on 6m from this rare grid square. QSL: (not the proper one, but also OK) Steve R Jones, Llainwen, Llanfair Nb, Caerggilliog, Holyhead, N Wales, LL65 3HL.

GM3POI, Clive, in IO88ow, is QRV on Orkney Island. QSL: Clive S Penna, PO Box 20, Kirkwall, Orkney Island. Tnx 9H5EE.

Greece: SVs, effective from May 17, have been granted 50 MHz permits to 17 groups totalling 144 operators, now extending beyond the Athens perimeter.

Dodecanese has two operators, SV5QR (in Kos) and SV5TS (in Rhodes), for a new country. Another new country, Crete-has 28 resident licensed operators.

SV7CO, Nick in KN20ww, is QRV on 6m. He is alleged to have said that all SVs got 6m as (practically) from May 30. Other SVs are also QRV and some are very QRP on home-made transverters.

SV8- Zante Island (EU52), KM07, we find that SV8CS, Spiros, SV8YM, Tasos, and SV8AXZ, Takis, are now QRV. QSL: PO Box 148, 29100 Zakynthos, Greece. SV8JE, Chris in KM08bd, is also QRV from Kefalonia. SV1RW, Janko, from Krifto, is QRV with one watt only.

SM7AED lists the following additional SV stations that have been worked on 6m, SV1AWE in KM18, SV1OE, SV1VS, SV1VV, SV4AFy, SV4BDK, SV7AII in KN20, SV7APS in KN21, SV4AAQ, SV4AFY in KM19.

G4UPS reports the following stations were heard or worked on 6m during June: SV1AB (10,11,17), SV1DH (10), SV1EN (10,24), SV1EO (26), SV1OH (24), SV1SIX/B (7,8,10,11,17,24,26,27), SV1UN (11), SV1WE (26), SV2LAB (17), SV5TS (worked by DK5UG June 15 at 0800)(heard by G4UPS June 17 at 1649), SV7CO (10).

Bailiwick of Guernsey: G4UPS lists a June 5 0803 QSO with GU8NIS in IN89.

Iceland: LA6HL/TF/p worked at least into LA, SM and GI on July 17. Tnx SM7AED.

Isle of Mann: G4UPS reports working the following June 5 during UKSMG contest: GD7HEJ IO74, GD3AHV IO74.

Italy: G4UPS's log for June lists: I0AMU (7), I0CMD (7), I2ADN/0 (5), I4AHV (8), I4CIL (10), I4RSH (24), I5CTE (9,16), I5JWQ (16), I5RRZ (24), I5VOW (16), I6DRF (24), I7CSB (8,17), I8IGS (7), IK0FTA (5), IK0OKY (11,12,16), IK1EGC (10), IK1MTZ (10), IK2GSO(8,10), IK3GLD (8), IK3TPT (20), IK4DRY (24), IK4GNI (22,27), IK4HLV (8), IK5JAV 910), IK5JWQ (16), IK6MLI (10), IK7LMX (11,20), IK7USY (13), IK8DYD (5,12,20), IK8SOL (17), IV3GBO (6)

Jan Mayen Is: JX3EX, Terje, in IQ50, is QRV on 6m until October. QSL: via LA5MN. Tnx 9H5EE. G4UPS reports June 15 1737 JX3EX starts working into northern UK. G4UPS reports hearing JX3EX June 29 2122 peaking 339.

Luxembourg: G4UPS reports the following heard or worked on 6m during June: LX0SIX/B (10,28), LX1BZ (21), LX1JX (10), LX2DX (10).

Macedonia: Z31DX and Z32AM (father/son) will soon be QRV on 6m from KN01. They have ordered a transverter and it should arrive via YU1EU by the time you read this. They will run 25W and a 2 element quad. QSL via YU5DX (93CB). Tnx G0JHC via SM7AED.

Madeira: CT3FT, Cedric, in IM13ta, was still a fairly new 6m station on May 31 running 150 Watts into a 3 el yagi. QSL: Cedric J. Rourke, PO Box 86, P-9400 Porto Santo, Madeira, Portugal. Tnx 9H5EE.

G4UPS reports CT3FT heard June 1 1855, June 3 1020-1110, June 7 1610, worked June 10 1121, June 17 1639, June 28 2005.

Malta: G4UPS's log for June shows the following 6m stations heard or worked (and the day of the month): 9H1AA (13), 9H1AL (22), 9H1AZ (17), 9H1BT (26), 9H1CG (7,17), 9H1PA (7), 9H1SIX/B (9,10,12,22,26), 9H3IB (26), 9H3XX (10), 9H5AZ (8,9,10,12,13,20,22), 9H5ET (26), and 9H5YZ (on Gozo Island)(9).

Market Reef: OJ0/OH1VR, "The Weekend Trip to the Rock" by AH6MM, OH1VR, and OH6LI was on July 9-12. SM7AED reports working him July 9 on Aurora, and that several European stations worked him on Sporadic E the following days. QSL: OH1VR direct (Seppo Sisatto, Lansirinteenk 23, 33400 Tampere, Finland) or via bureau.

Moldavia: SM7AED reports working UO5OK July 19 at 1830, and that SM7FJE worked him a bit later. Arne reports his cw was very difficult to read, but got the grid as KN47. Does anyone have more information?

Netherlands: G4UPS reports the following heard or worked on 6m all June 10: PA0EHA, PA0ENS, PA0ERA, PA0LOU, PA0LSB, PA0RDY, PA2HJS, PA3FHK, PA3FYM, PB0ALN, PE0OCP, PE1NQF.

Northern Ireland: G4UPS reports working GI0PUZ (IO64) and GI4XFS June 12.

Norway: G4UPS reports the following heard or worked on 6m during June: LA1IC (15 on FM), LA2TAA (15), LA3BO (15), LA6VBA (10), LA7DFA (16,22), LA8PN (10), LA9DM (21,29), LA9ZV (8,15,21).

Poland: SP4TKK, Chris, in KO03, was signing /2 from JO93 and JO92 between May 17 and May 21. Tnx 9H5EE.

G4UPS reports the following heard or worked on 6m during June: SP2DDX (12), SP4TKK (4,9,11,12,15), SP4TKK/2 (1), SP5CCC (10,11), SP5DDJ (8,17,20), SP5EFO (8,9,10,15,17), SP5HEJ (10,12,21), SP5NHF (9,17,20,22), SP5OAP (16), SP7DSA (9), SP7HT (9,14), SP7JSG (12,16), SP9DSA (12).

Portugal: G4UPS's June log reports the following 6m stations heard or worked (with day of the month): CQ7CBI (10), CR5CMP (10)(QSL via CT1DZK), CT0BXM/B (16), CT0SMB/B (5,7,8,11,14,17,24,28), CT0WW/B (1,3 (by K1JRW), 7,10,11,12,14,16,17,24,25,28), CT1AC (9), CT1AZ (5), CT1BGE (4,8), CT1BH (1,9,11,17), CT1BWU (5,10), CT1CBI (9,10), CT1CIU (12,24), CT1CUI (14), CT1DIQ (16), CT1DVV (10), CT1LN (17, 27 (QSO'd VE1PZ),28), CT1WW (1,4,7,8,11,28), CT1ZC (7), CT4KQ (1,4,5 (W1/VE1), 9), CU1EZ (3,10,22,29).

Rhodes: SV5TS, Basillis, in KM46, and SV5/SV1DH, Costas, were QRV from Rhodes between June 13 and June 19, mostly during the afternoons, using an FT-690 driving an HL166V into a CL6DX provided all by Costas. Worked by 9H5EE June 13 at 1215. QSL: (NOT bureau for SV5TS) SV5TS, Vasilis Argyris, PO Box 7, GR-85106 Paradissi, Greece. SV5TS, Vasilis Argyris, Dimokratias 146, GR-85100 Rhodes. SV5/SV1DH, Dr C G Fimerelis, 23, Elianou Street, Athens 112 54, Greece. Tnx 9H5EE.

G4UPS reports working SV5/SV1DH in KM46 59/59 June 17 1655.

Romania: G4UPS reports hearing YO2IS (KN05ps) June 1 ~1600, working him June 10 at 1512, and hearing him calling WA3BFM June 11 at 1948. G4UPS also reports hearing YO9IE June 11 ~1600.

European Russia: The area around Moscow in Russia is forbidden for 6m operations. UA3TES and UZ3TXB were denied license to operate on 50 MHz.

UA2/DK2ZF was QRV on 6m between June 27 and July 7 from KO04 and possibly from other grid squares. QSL: DK2ZF, Rolf Niefind, Rademacher Kamp 2, Kakenstorf, Germany. G4UPS reports UA2F/DK2ZF in KO04ft 59/59 June 27, 1827 and heard June 28 ~1500, and again June 30 at 0745.

RU1A, in KP40, was into 9H June 5 around 1600. He is expected to be QRV on 6m until July 31 with a FT-726, PA, and 5 el Yagi. QRG is 50.135. QSL: via KC1WY, Nat Trumbull, 17 Church Street, Woods Hole, MA 02543, USA. G4UPS reports hearing or working RU1A June 4, 11,12, 16.

RU1R, Oleg, in KO82, was QRV on 6m for a while and might be again in the future. QSL: PO Box 73, 603000 Nizhny Novgorod, Russia. Tnx 9H5EE.

San Marino: T70A has been allowed to use SSB by the authorities and is very active at the present time. QSL direct. Tnx SM7AED.

Sardinia: G4UPS reports hearing IS0AGY June 1 at 1905, and working IS0MVE in JM49of June 13 at 1651.

Sicily: G4UPS reports working IT9KSS in JM68qc June 22 at 1913, and hearing IT9DMQ June 26 ~1215.

Scotland: GM4ISM was hearing CU1EZ June 3 at 1900. G4UPS also reports working GM1TDU, GM7AWK, GM1XOG, and GM3POI on June 12 between 1707 and 1726.

Slovenia: G4UPS's log for June lists the following worked or heard on 6m: 9A1CCY (6), 9A1CRJ (10,20), 9A1EZA (8), 9A2JH (27), 9A2MP (21,22), 9A2OB (20), 9A2PA (10), 9A2RA (11), 9A2WM (24), 9A3AT (15,27), 9A3FT (11), 9A3HZ (3), 9A3JH (20), S51CN (10), S51GW (6,8), S52AU (24), S52FO (6), S52NR (21), S53BH (12), S53VV (12), S55HH (28), S55ZRS/B (8,11,12,13,14,20,21,22,24,27,28), S57AC (6), S57AN (28), S57CC (12), S57DF (12), S57MM (8), S57QM (20), S59UN (11,13,24,27).

Slovakia: G4UPS reports the following heard or worked on 6m during June: OM3CBR (8,21), OM3CFN (10,12), OM3ID (14), OM3OM (20), OM3PC (11,22), OM3TGT (22), OM3TPG (110,12,13), OM3TTL (10).

Spain: G4UPS's log for June lists the following worked or heard on 6m: EA3VHF/B (1,3,4,9,10,17,28), EA4CGN (5), EH1AST (9), EH1BCB (9), EH1BFZ/P (8,28), EH1DDU (10), EH1DVY/P (8,9,29), EH1EH (1,12,28), EH1KV (1,8,9,10), EH1QJ (7,9), EH1TA/P (7), EH1YV (9,17,24,25), EH2LU/P (5,10), EH3ADW (1,9), EH3AQJ (9,24), EH3BKZ (7), EH3CHN (1,24), EH3CUU (1), EH3DXU (9), EH3EDU (9,22), EH3ELL (24), EH3IH (7), EH3LL (1), EH3MD (1), EH4CQT (10), EH5BIH (9), EH5CHT (5,9), EH5OE (1), EH7AG (4), EH7AH (1,12,22,27), EH7AJ (1,4,5,7,9,14,22), EH7BIH (4), EH7BVD (5), EH7BZH (24), EH7BZS (9), EH7CD (9,17), EH7CZR (1), EH7DZI (21), EH7ERS (1,4,8), EH7ESB (8).

G4UPS's log for June indicates EA3ADW **not heard** (or at least no QSO's) during a June 5 opening to VE/W1.

Sweden: G4UPS reports the following heard or worked on 6m during June: SK6SIX/B (8,10,11,12,16,21,22,28,29), SM0CHH (4,16,21), SM0DME (8), SM0FZH (21), SM0KCR (10,12,22), SM1LPU (16,21), SM3EQY (20,29), SM3NRY (29), SM3RPP (29), SM5CPD (21), SM5EAN (21), SM5INC (11,16), SM5PPS (30), SM5PRE (21), SM6BJI (22), SM6CYZ (10), SM6SYN (8), SM7AED (4,7,8,9,10,15,16,17, 18,22,28), SM7BAE(4,8,21,27), SM7CMU (15,16,21,22), SM7CMV (15,16,21,22), SM7EQY (22), SM7HQD (22).

Switzerland: G4UPS reports crossband contacts on June 10 with HB9HLI, HB9QQ, & HB9AOF, 6m two-way with HB9DBM in JN47cd, and June 28 with HB9AMZ in JN47sj.

Ukraine: SM7AED reports UB5/UC2AAA has a 75% change to get permission to operate 6m.

Vatican: HV4NAC, operated since April by IK0FVC during the weekends from the North American College in the Vatican City. Other reports say that the operator is Ugo, I0CUT, and he has been QRV mostly on weekends as well as on some weekday evenings since May. Informed sources say that this happens when Ugo, I0CUT, is disposed to take his rig there. QSL: IK0FVC. G4UPS reports QSO with HV4NAC June 10 at 2035, reports grid locator as JN61fv.

Wales: G4UPS writes of a June 29 QSO with GW3RYR which was Colin (7Q7CM) home on leave.

The former Yugoslavian republics of Serbia, Croatia, & Vojvodina?: G4UPS reports the following stations heard or worked on 6m during June: YT1AU (6,22), YU1ABA (12), YU1AD (8,24), YU1AU (13), YU1FZ (13), YU1MW (14,17,20,24), YU1WP (6), YU2IQ (13), YU7AE 920), YU7AU (10,13,20).

News of North America

Alaska: K6MYC reports working NL7OW, KL7Y, AL7C, KL7FI, KL7CC June 6 2100-2130. KL7NO was heard here June 17 0515 and June 18 0654. K6QXY worked AL7C, KL7IKV, NL7OW June 23 0457.

Anguilla: WB8YFE reports working VP2ECW June 12 1510.

Bahamas: WB8YFE reports working C6AFP June 12 1809.

Canada, Northwest Territories: VE8KM, Ken, in Cambridge Bay, Victoria Island, NWT (69° N 100° W), has worked into the US on 50 MHz. KE7CX reports an opening June 29 from 0500-0630 during which AA7EA, N7AVK, W7ZRS, N7DB, K7RWT, and himself worked Ken in DP79.

Cayman Islands: Jimmy Treybig reports making 485 QSOs on 6m from ZF2QR between July 2 and 10. He worked all U.S. call areas, KP4, VE, XE, and CU1EZ, but not the S.F. Bay area with 80 W and a 4 el beam. The YV0 beacon was heard, but no other South American 6m stations. Jimmy reports three other 6m stations in the Cayman Islands, and that one of them, ZF1DC, worked Madeira, CT3 during his stay. QSL (ZF2QR) via W6JKV.

Cuba: WB8YFE reports hearing CO2KK, May 30 after 1245, and working CO0FRC June 12 1924. N6CA reports CO2KK was into S California on July 5.

Costa Rica: TI2NA writes, "Nothing to report on June. I will continue to listen on 50.107 to 50.110 and operate on 50.110 when not busy."

Greenland: OX3LX, in GP60, is QRV on 6m from June 3 to August 3. QSL: via OZ1DJJ. Tnx 9H5EE.

Haiti: WB8YFE reports working HH2PK June 12, 1800.

Jamaica: WB8YFE reports working 6Y5IC June 12, 1730.

Mexico: WB8YFE reports working XE2/K9VV June 13 1605 and XE3EB June 19 0143. N6XQ, W5OZI, and W3XO operated from the QTH of XE3EB at Cancun, Mexico in EL61 for the June contest. Chip, N6CA, reports that they made fewer than a dozen QSOs.

XE1ABA in DK89 was worked by VE7SKA July 4 at 1718. QSL via XE1J.

N6CA reports XE2EED in Tijuana has been QRV, as well as XE2LQB/m who has been grid-DX-peditioning.

Puerto Rico: WB8YFE reports working KP4BZ June 12, 1544. KP4BZ was heard by SM7FJE June 13 at 1720. Tnx JA1VOK.

USA, Indiana: Ray King, WB8YFE reports Sporadic E openings May 13,14,22,23,29,30,31 and June 3,4,10,11,12, 13,15,16,17,18,19,21,27,30.

Virgin Is.: WB8YFE reports working KP2A June 12, 1724.

News of Oceania

Australia VK4 (Queensland): JA1VOK lists the following into JA: May 3, 0943, VK4ZJR by JA0GLM; May 9, 0613-0640, VK4CRO by JA1VOK & JA0GLM; May 9, 0735-0745, VK4ZJR by JE1CCD and VK4JJO by JA5CMO; May 29, 1023, VK4TL by JF1CZQ.

HL9UH reports working VK4FP June 5 at 0833 with 599 signals both ways.

Australia VK6 (West Australia): JA1VOK lists the following into JA: May 1, 0718-0737, VK6JJ by JF1CZQ & JA1AUD.

Australia VK8 (Northern Territory): JA1VOK lists the following into JA: May 2, 1120, VK8RH by JA5CMO; May 3, 0456, VK8ZTM by JA1VOK; May 9, 0918, VK8ZTM by JE1CCD.

Cook Islands: ZK1AJJ, Nob, heard JA2IGY/b & JA7ZMA/b May 30-June 3 between 0700-0900.

French Oceania: FO0AM was to have been QRV on 6m by a JA8 group from June 23-26. QSL via JA8FCG. Tnx JA1VOK.

Minami-Torishima Island: JA1VOK reports the following into JA: May 3, 0911-0929, JI2AMA/JD1 by JA1VOK & JF1CZQ; May 7, 0945, JR7ISY/JD1 by JP2NPG; May 26, 0326, JR7ISY/JD1 by JA0GLM.

New Zealand: ZL1MQ reports the following:
The Es season was late in opening, and it was not until May 29 that the VKs appeared, with ZL3TY having most of the openings in June. On May 29, Bob contacted eight VKs (in call areas 2-3-5-7). June 17th, 2 VK3; 18th, 1 VK3; 19th, 3 VK2, 4 VK4, FK8EB @ 0348, 3 VK2 and 3 VK4 @ 0517, ZL2KT-VK2AWQ; 22nd, ZL2KT-VK4KU; 26th VK2, 7 VK3; July 1, 5 VK2, 1 VK3.

Papua New Guinea: P29CW passes along the following log: June 1-3 nothing heard. Ed-HL9UH's log shows a A3j QSO with P29CW June 3 at 1139, reports 5-1/2 5-2/5 (Is one of the above not reporting in UT date?. June 4/5 Beacons heard: JA2IGY in at S-1 around 1030z, JA6YBR and JA7ZMA there too, but in the noise. No other beacons audible here. JA6YBR was in the noise but audible until 1400z when I went QRT, so it was a long but weak opening.
48.250- very weak, S-1 at around 1300z for a half hour or so.
49.750- peaked at S-8 at 1115z. It was S-5 when I came in the shack at 1000z and still audible but S-1 at 1400z when I went QRT. Other stuff in the log:
1043z- heard Louis, HL9UH calling CQ on 50.110 CW. He was very weak but Q-5 copy on a quiet band here. He later told me that he was beaming JA at the time, so I was hearing him off the side of his yagi.
1055z- worked op JL2WNA on 50.084 CW, S-1 signals
1118z- worked Shige, JA5IGX on 50.110 CW, S-1 signals
1133z- worked Kon, JE2WLD on 50.110 CW, S-1 signals
1140z- worked Louis, HL9UH on 50.115 SSB, with S-5 signals, but conditions only held up for another 10 minutes or so before he began to fade out.
June 6 48.250- in the noise briefly at around 1000z
June 7-14 nothing...
June 15 48.250- very weak at about 1000z.
Other signals- a real oddball tonight; on 51.705 (WBFM) out just south of east from here, very strong (almost full quieting) TV audio- an American English movie soundtrack. Maybe a leaky Video player coax cable somewhere here in the

valley?!? I didn't hear any other signals anywhere besides this one. I dunno!
June 16 49.750- below S-1 but audible from about 0930-1200z
June 17-23 nothing but receiver noise
June 23 Beacons heard: at 0900z when I came in- JA6YBR (S-3), JA7ZMA (S-1). JA2IGY came up out of the noise at 0910z. 48.250- nothing
49.750- very weak but audible at 0900z. S-3 peak at 0930z, then faded away.
Stations worked:
0920z 50.110 CW JH1WHS, Yutak PM96 559
0931z 50.107 CW JR1TNE, Naka QM06 559
0940z 50.107 CW JE3KKC, Make 559
JA6YBR was the last audible beacon, fading into the noise at 0945z. JH1WHS was heard calling CQ on 50.110 CW with very faint signals at 1010z. It was great to hear the band open up for a little while after all this time.
June 24-29 nothing but noise
June 30 Beacons heard: at 1120z when I came in- JA6YBR (in the noise), JA7ZMA (S-1), JA2IGY (just out of the noise). I think that I could hear "pings" of JR6YAG way down in the noise at 1120z, but it disappeared by 1130z.
48.250- nothing
49.750- S-3 at 1120z. S-8 peak at 1230z, then faded away. Just out of the noise by 1400z.
Stations worked: Only one!
1142z 50.110 CW JH7VTE, Yutak QM09 559
This opening was interesting, in that it never got very strong, but it was quite a long one. None of the beacons were never far out of the noise, but they were all very steady. I could still hear them when I went QRT at midnight local (1400z). They were all there already when I came into the shack at 1120z, so I don't know how long the band really was open. JH7VTE was the only amateur signal that I heard all evening.
One other interesting thing that I noted- as the evening went on, the beacon JA2IGY got stronger as JA7ZMA got weaker. JA6YBR remained the same. It seems like maybe the opening moved south as it closed, but that's just a guess.

JA1VOK reports P29CW and P29BPL/B July 2 between 1150-1300.

Philippines: JA1VOK reports the following into JA: May 9, 0709, N1AWR/DU1 by JE7RJZ.

Sabah, Malaysia: JA1VOK's report lists the following contacts into JA by G4SMC/9M6 during May: May 1, 0712, JF1CZQ; May 2, 0923-0940, JE1CCD & JA1AUD; May 3, 1453, JA3MF; May 4, 0759-0844, JP2NPG & JA1GKA; May 4 1508, JA3MF; May 9, 0943, JE7RJZ; May 11, 0957, JA4OEY; May 18, 1115, JA5CMO.

Spratly Islands: 9M0S was activated in late May, but only on HF. They were unable to obtain permission from the Malaysian authorities for 6m.

Western Caroline Islands: KC6IG, KC6IJ, KC6IL, KC6IM, KC6KY, KC6LI, KC6OG, KC6TZ & KC6UP of the JARL Kyoto ARC (JA3YAQ) are scheduled to activate Palau from August 8-13. QRG 50.130. QSL via JA3OIN. Tnx JA1VOK.

News of South America

Brazil: PY5CC worked IK8DYD May 12 around 1950. Tnx JA1VOK.

Columbia: G4UPS relays a report that HK1BDN opened the across-the-pond 1993 Sporadic-E season the evening of May 31 by working into EA some time after 2200.

French Guiana: WB8YFE reports working FY3FL June 12 at 1719.

Trinidad: WB8YFE reports working 9Y4VU June 12 1841.

Venezuela: WB8YFE reports hearing the YV4AB beacon June 12 1600.

Beacon News

Australia: ZL1MQ reports: A new beacon on 50.058 is VK4RGG with 6W. It is being copied in ZL, but a packet message from VK3OT states all beacons from 50.00 to 50.500 should be CW and not FSK, as is being used.

JA1VOK reports that the VK4RIK and VK4RBM beacons on 52.445 have been off the air since last summer.

Canada: VE5US beacon has been in here during openings to KL7; e.g., June 17 0515 & June 18 0654.

Costa Rica: TI2NA reports that his beacon became a black box on June 17 from a direct lightning hit. The crystal was salvaged, however, and as of June 28 it is back on the air on the same frequency.

Malawi: The 7Q7SIX beacon will be installed soon on 50.003 with 5 Watts output at the QTH of 7Q7LA. Tnx JA1VOK. The callbook gives this one as: L Antrobus, Box 59, Mangochi, Malawi.

Sabah: Richard, G4CVI, reported he will donate a 6 mtr beacon to Sabah, 9M6. The beacon will be licensed on 50.014 as 9M6SMC. Tnx JA1VOK.

Yugoslavia: 4N1SIX on 50.046.5, KN04oo, is a new beacon on the air from Yugoslavia. Tnx SM7AED.

Indicators

K6QXY recommends 40.69 & 42.40 from Alaska, the latter from Anchorage; 46.9 multiple meteor scatter transmitters, one near Seattle; 48.250 and 49.75 TV video carriers. He reports hearing 49.75 believed to from Vladivostok July 9.

DX-pedition News

Aland Is. (Finland): OH0/DK7ZB, Martin is supposed to operate 6m in JP90, KO90, and KP00 between July 25 to August 20. He will have 20W and 2 el. Tnx SM7AED.

Belau (Western Caroline Is.): KC6 will be activated by a JA3 group on August 8-13. Beacon frequency is 50.130 MHz. QSL via JA3OIN. Tnx JA1VOK.

Greenland: OX/OH1VR/p is supposed to be QRV late July. Middle August OZ1DJJ is supposed to operate 6m at OX3LX in GP35. Tnx SM7AED

Iceland: G4ODA/TF and other hams will be QRV on 6 and 2 mtrs (IP24) from July 29 to August 11. Tnx SM7AED.

Jan Mayen Is.: SM7AED's DX-pedition list says Terje, JX3EX, is in IQ50, from April 24-October.

Trindade and Martim Vaz Is: The PY0S DX-pedition by the Natal DX group has been postponed to January/February 1994. 6m & satellite can be included. Tnx JA1VOK.

Yugoslavia: YO7VJ/p, Emil, in KN13vt is supposed to be on Sept 5-Oct 5. Tnx SM7AED.